

## ABSTRACT

A novel spotlight where the position of image formation does not change even when the zoom adjustment is made after  
5 focus adjustment, so that focus adjustment and zoom adjustment can be facilitated. When a drive shaft (10) is rotated by operating a zoom adjustment handle (5), a lens (4a) moves forward and backward according to an unequal pitch (P1) of a first screw section (15), and a lens (4b)  
10 moves forward and backward according to an equal pitch (P2) of a second screw section (16), so that the distances between the lenses (4a-4c) are changed and zoom adjustment is made. Focusing adjusted by a focus adjustment mechanism (b) does not change even when the distances between the  
15 lenses are changed. Therefore, focus adjustment and zoom adjustment can be made extremely simply, and the spotlight can be used particularly useful in performance space such as TV studios and theater stages.